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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/798,898	03/12/2004	Benjamin B. Houston	85232-202 RWD

CONFIRMATION NO. 6089

FORMALITIES LETTER



OC000000012819044

23529
 ADE & COMPANY
 1700-360 MAIN STREET
 WINNIPEG, MB R3C3Z3
 CANADA

Date Mailed: 06/01/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/23/2004 SDIRETR1 00000003 10798898

FILED UNDER 37 CFR 1.53(b)

01 FC:2001
 02 FC:2001

365.00 OP
 65.00 OP

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 1.

SUMMARY OF FEES DUE:


Total additional fee(s) required for this application is **\$900** for a Large Entity

- **\$770** Statutory basic filing fee.

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.
85232-202 RWD

In Re Application Of: **Benjamin B. Houston et al**



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/798,898	March 12, 2004		23529	2223	6089

Invention:

METHOD FOR MODELING COMPLEX OCCLUSIONS IN FLUID SIMULATIONS

Mail Stop Missing Parts

COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

June 1, 2004

Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ 1 verified small entity declaration(s)
 - ☒ is/are attached.
 - ☐ was/were filed on _____
- ☐ A separate request for refund.
- ☒ Other (list):

Letter filing drawings (4 sheets)
Assignment Cover Sheet
Assignment
Fee - \$40 M.O.

Docket No.
85232-202 RWD

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/798,898	March 12, 2004		23529	2223	6089

METHOD FOR MODELING COMPLEX OCCLUSIONS IN FLUID SIMULATIONS

Mail Stop Missing Parts

- | | |
|---|----------|
| <input checked="" type="checkbox"/> Utility application filing fee | \$385.00 |
| <input type="checkbox"/> Design application filing fee | |
| <input checked="" type="checkbox"/> Total number of independent claims = 2 | |
| <input checked="" type="checkbox"/> Total number of claims = 8 | |
| <input type="checkbox"/> Multiple dependent claims | |
| <input checked="" type="checkbox"/> Surcharge for late payment of filing fee and/or late filing of original declaration or oath | \$65.00 |
| <input type="checkbox"/> Petition and fee for filing by other than all the inventors or a person not the inventor | |
| <input type="checkbox"/> Fee for processing an application filed with a non-English language specification | |
| <input type="checkbox"/> Fee for processing and retention of application | |

Total completion of application fees \$450.00

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: _____ until: _____
Date Date

Total time extension fees

Total fees due \$450.00

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.
85232-202 RWD

In Re Application Of: **Benjamin B. Houston et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/798,898	March 12, 2004		23529	2223	6089

Invention:

METHOD FOR MODELING COMPLEX OCCLUSIONS IN FLUID SIMULATIONS

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

The fee of **\$450.00** is to be paid as follows:

- ☒ A ^{m.o.}check in the amount of the fee is enclosed.
- ☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.


Signature

Ryan W. Dupuis
Registration No: 47,345

/II

Dated: **July 26, 2004**

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc:



EXAMINER

GROUP 2223

APPLICANT Benjamin B. Houston et al

SERIAL NO: 10/798,898

FILED March 12, 2004

FOR METHOD FOR MODELING COMPLEX OCCLUSIONS IN FLUID
SIMULATIONS

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Missing Parts
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202
U.S.A.

Dear Sir:

Responsive to the Notice to File Missing Parts dated June 1, 2004, please
find enclosed herewith new drawings (4 sheets) as requested. Would you please make
these of record in this application.

Respectfully submitted

BENJAMIN B. HOUSTON ET AL

PER:
Ryan W. Dupuis
Registration No: 47,345

RWD/II
July 26, 2004
Enc.(4)
Ryan W. Dupuis

Winnipeg, Manitoba, Canada
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